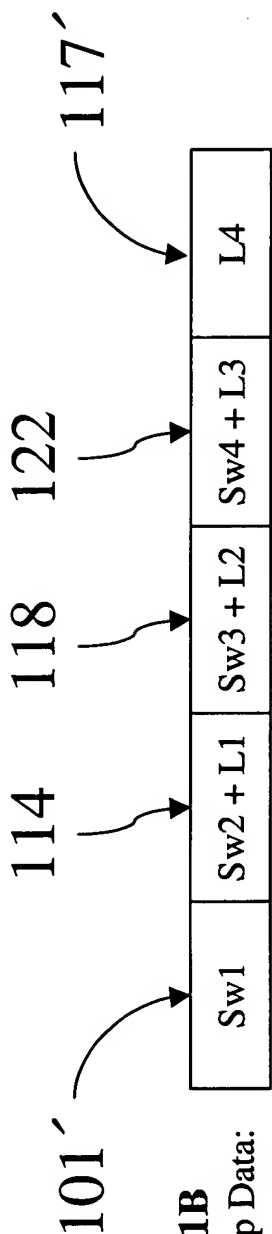
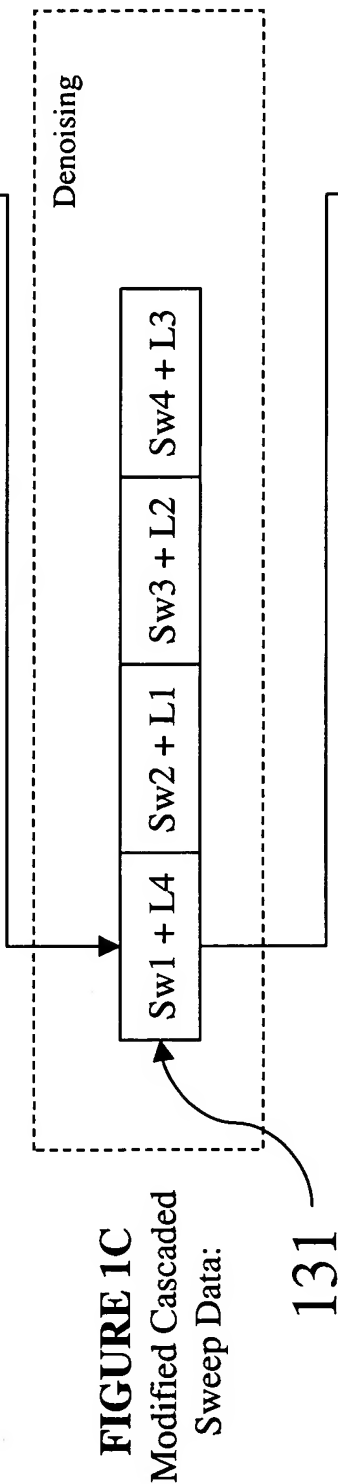


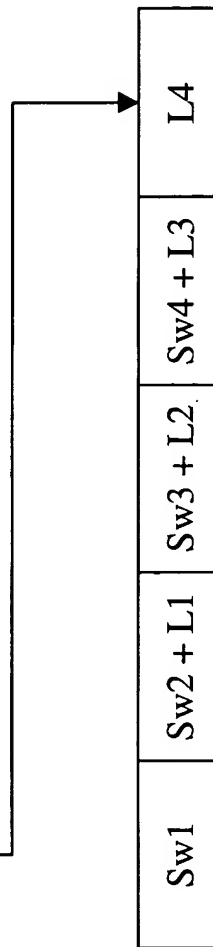
**FIGURE 1A:**  
Variphase Gathers



**FIGURE 1B**  
 Cascaded Sweep Data:



**FIGURE 1C**  
 Modified Cascaded  
 Sweep Data:



**FIGURE 1D**  
 Denoised Cascaded  
 Sweep Data:

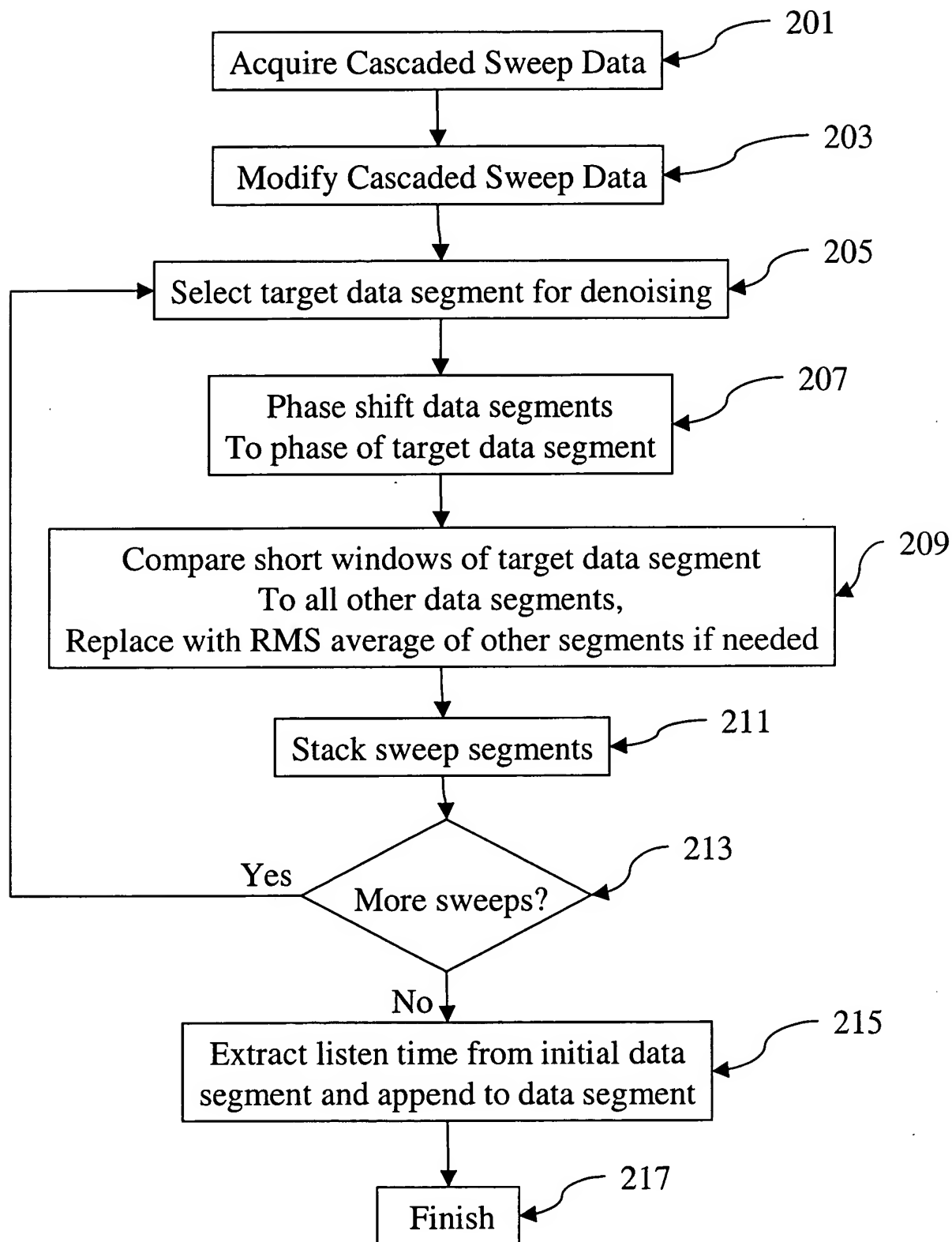


Figure 2

FIGURE 3

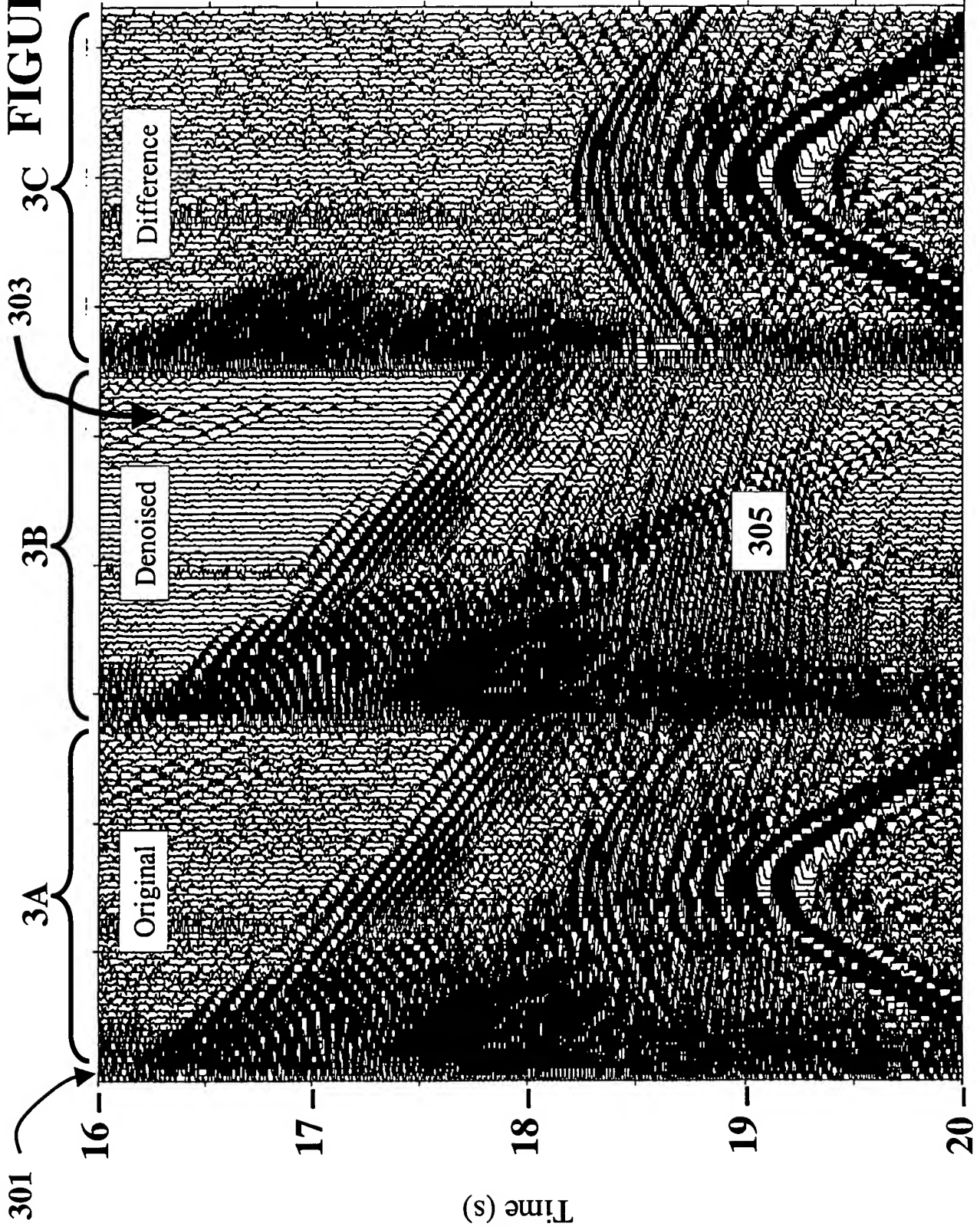


FIGURE 4

